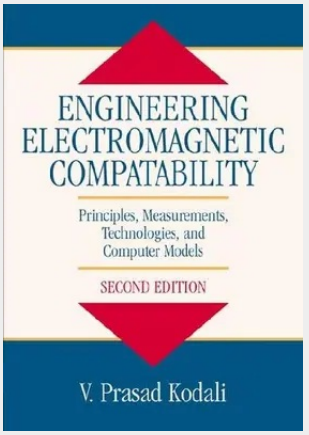
Kodali

Engineering Electromagnetic Compatibility

Principles, Measurements, Technologies, and Computer Models



This practical, enhanced second edition will teach you to avoid costly post-design electromagnetic compatibility (EMC) fixes. Once again, V. Prasad Kodali provides a comprehensive introduction to EMC and presents current technical information on sources of electromagnetic interference (EMI), EMC/EMI measurements, technologies to control EMI, computer simulation and design, and international EMC standards. Features added to this second edition include: - Two new chapters covering EMC computer modeling and simulation and signal integrity - Expanded assignments at the close of each chapter - Illustrative examples that enhance comprehension - A new appendix that lists a selected bibliography, important standards, and Web sites relevant to EMC/EMI Engineering Electromagnetic Compatibility, Second Edition is presented in a concise, user-friendly format that combines a rigorous solutions-based, mathematical treatment of the underlying theories of EMC with the most recent practical applications. It is ideally suited as a desk reference for practicing engineers and as a textbook for students who need to understand the form and function of EMC and its relevance to a variety of systems.

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